

FIGURE 1A

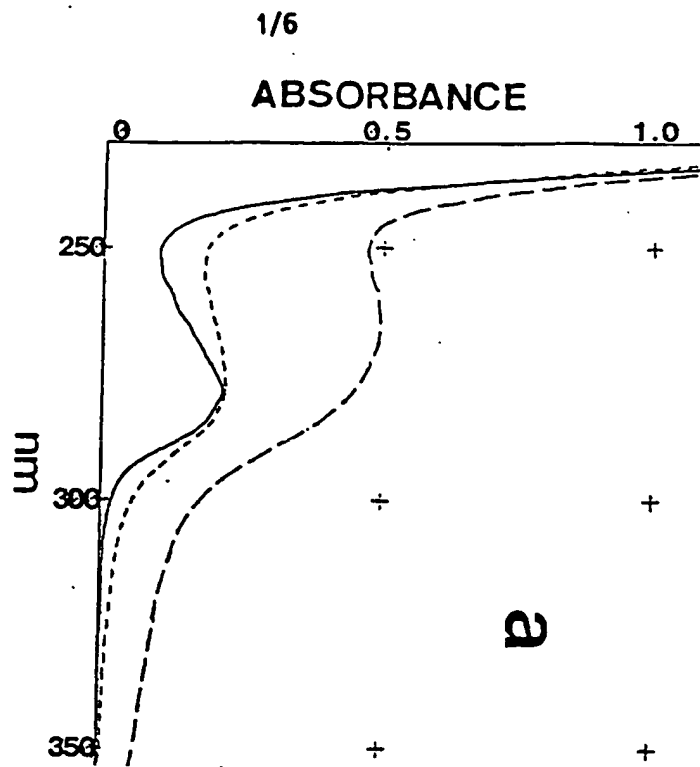
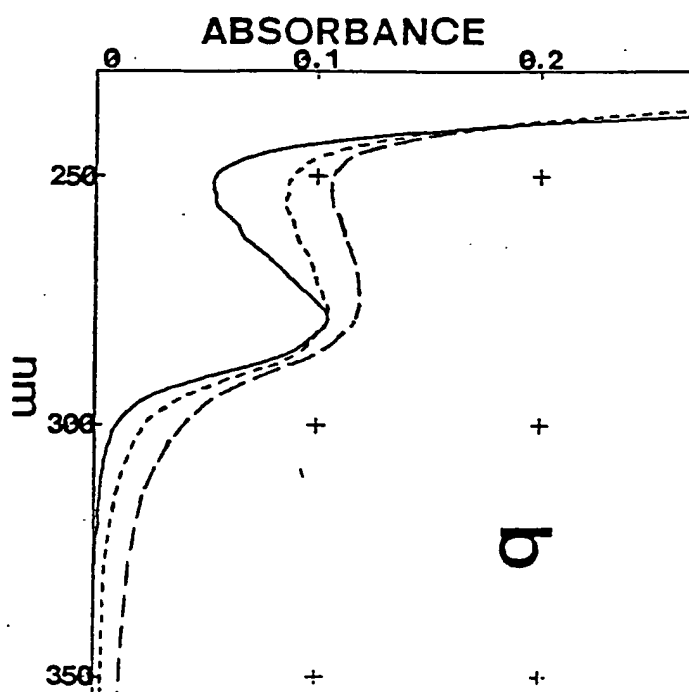


FIGURE 1B



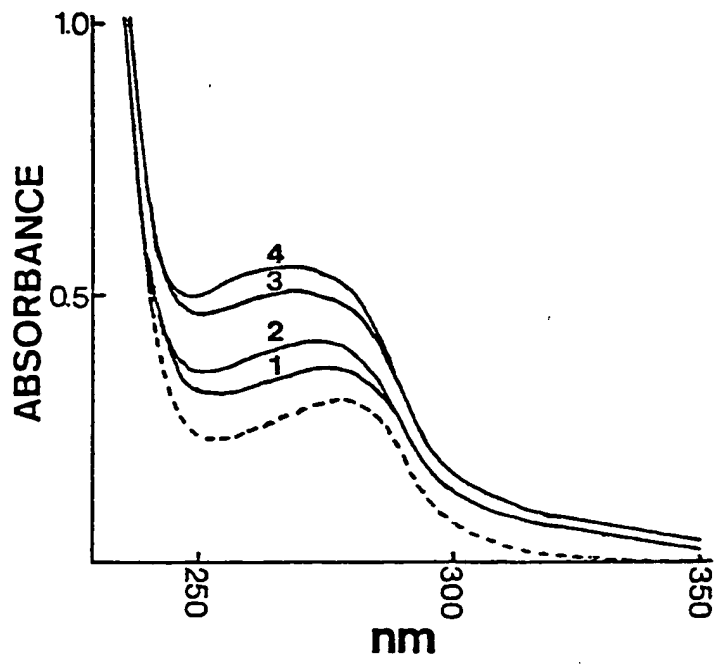


FIGURE 2

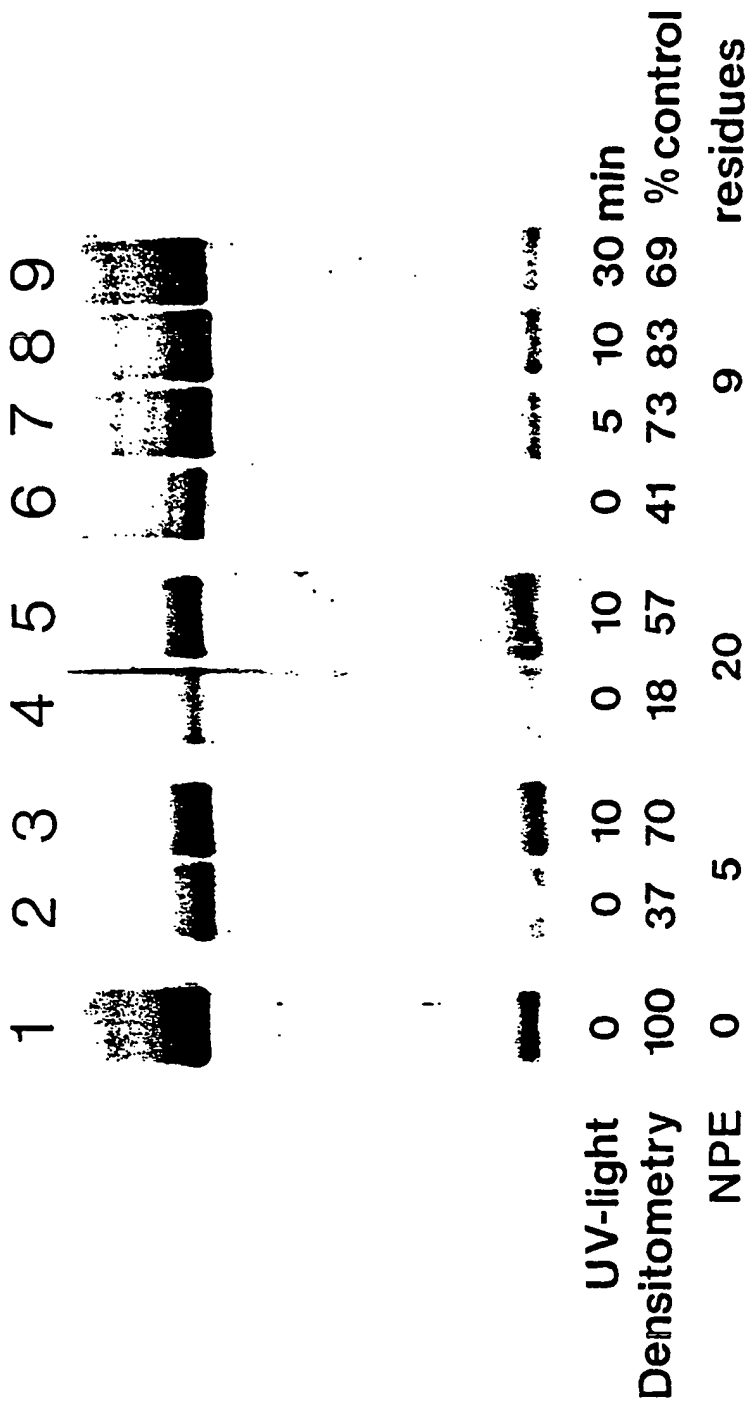


FIGURE 3

FIGURE 4A

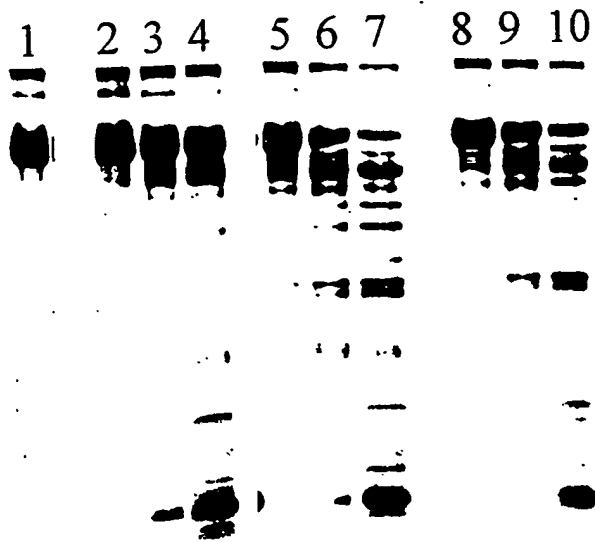
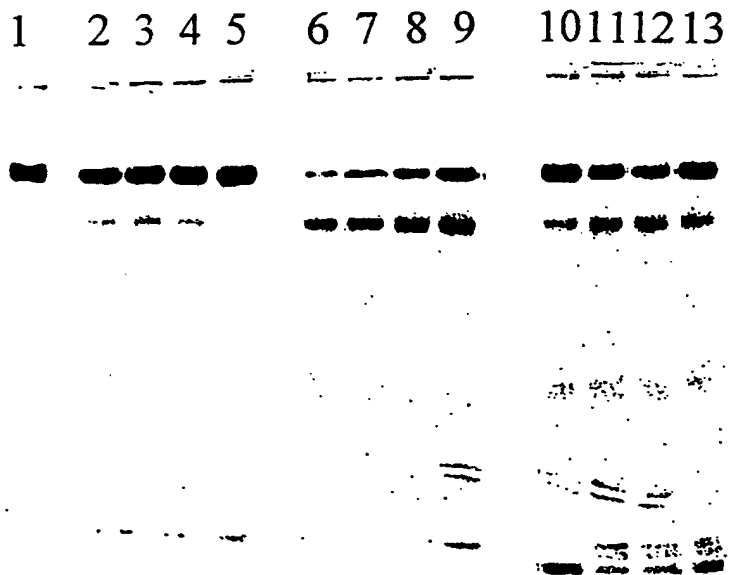


FIGURE 4B



**TABLE 1**

**Average No. of NPE residues per IgG**

		0	5	20
<b>UV-light (min)</b>	0	100	30	18
	2	93	45	32
	5	77	55	60
	10	61	23	16

**TABLE 2**

**Average No. of NPE residues per goat IgG**

		0			30				
<b>UV-light (min)</b>	0	100	100	100	4	3	1.6	0.7	0.5
	5	79	86	67	18	14	10	7	5
	10	74	71	59	23	26	18	13	10
	15	73	68	57	26	30	26	34	24

**TABLE 3**

$\mu$ l of-NPE carbonyl chloride added to enzyme	No. of res of NPE per enzyme molecule			
	0	0	0	0
0	0	0	0	0
5	1.4	2.7	-	-
10	-	-	8.1	9.5
20	5.3	7.1	-	-
25	-	-	10.7	22.0
50	11.4	19.7	14.9	-
	% Enzyme activity retained			
	0	4.5	4	5
0	4.5	4	5	3.5
5	21	11	-	-
10	-	-	12	12
20	39	13	-	-
25	-	-	14	7
50	25	9	10	-

**TABLE 4**

$\mu$ l of-NPE carbonyl chloride added to enzyme	No. of res of NPE per enzyme molecule		
	pH	6.2	7.5
0	0	0	0
20	1.2	2.5	2.5
50	3.5	5.6	5.6
	% Enzyme activity retained		
	pH	6.2	7.5
0	39	23	23
20	44	43	43
50	49	55	55